

Table 1 - PCB Air Monitoring Results
Fletcher's Paint Works and Storage Facility Superfund Site

Sampling Event Date ²	Project Action Level ($\mu\text{g}/\text{m}^3$)	Field Blank (μg)	Wind direction (from) & speed (mph) ²	Temp Hi/Avg °F ²	FP-1 ($\mu\text{g}/\text{m}^3$)	FP-2 ($\mu\text{g}/\text{m}^3$)	FP-3 ($\mu\text{g}/\text{m}^3$)	FP-9 ($\mu\text{g}/\text{m}^3$)	FP-4 ($\mu\text{g}/\text{m}^3$)	FP-4A ($\mu\text{g}/\text{m}^3$)	FP-5 ($\mu\text{g}/\text{m}^3$)	FP-6 ($\mu\text{g}/\text{m}^3$)	FP-6A ($\mu\text{g}/\text{m}^3$)	FP-7 ($\mu\text{g}/\text{m}^3$)	FP-8 ($\mu\text{g}/\text{m}^3$)	FP-10 Milford School ($\mu\text{g}/\text{m}^3$)
2/17-2/18/2016	0.1	ND			0.000262	0.000262	0.000307	NS	0.104	NS	0.497	0.0283	NS	0.000206	NA	NS
2/18-2/19/2016	0.1	ND			0.0266	0.00528	0.00343	NS	0.218	NS	0.128	0.0821	NS	0.00228	NA	NS
3/9-3/10/2016	0.1	0.0317			0.149	0.065	0.0722	NS	1.19	NS	1.95	1.46	NS	0.0022	NA	NS
3/21-3/22/2016	0.1	ND			0.01016	0.00471	0.0129	NS	0.0317	NS	0.194	0.312	NS	NS	NA	NS
3/22-3/23/2016	0.1	ND			0.024	0.0133	0.0368	NS	0.182	NS	0.607	0.605	NS	NS	NA	NS
3/23-3/24/2016	0.1	ND			0.0328	0.0589	0.00178	NS	0.243	NS	0.0632	0.0244	NS	NS	NA	NS
3/28-3/29/2016	0.1	ND			0.015	**	0.0113	NS	0.192	NS	0.146	0.122	NS	NS	NA	NS
3/29-3/30/2016	0.1	ND			0.0141	**	0.0181	NS	0.0542	NS	0.247	0.123	NS	NS	NA	NS
3/31-4/1/2016	0.1	ND	S /0-10		0.0093	0.028	0.2	NS	0.018	NS	0.049	0.57	NS	NS	0.0074	NS
4/4-4/5/2016*	0.1	ND	NW 5-15		0.0013	0.00941	0.000832	NS	0.0191	NS	0.034	0.0133	NS	NS	0.00425	NS
4/5-4/6/2016	0.1	ND	W 1st S 2nd 0-10		NS	NS	NS	NS	0.0224	NS	0.114	0.112	NS	NS	0.0017	NS
4/6-4/7/2016	0.1	ND	SE 0-15 gust 28		NS	NS	NS	NS	NS	0.0181	0.0759	0.0814	NS	NS	0.035	NS
4/7-4/8/2016	0.1	ND	W 0-15		NS	NS	NS	NS	NS	0.013	0.15	0.24	NS	NS	0.006	NS
4/8-4/9/2016	0.1	ND	-		0.00397	0.011	0.0164	0.023	NS	0.00838	0.112	0.0757	NS	NS	0.00282	NS
4/11-4/12/2016	0.1	ND	S 1st W 2nd 0-10		0.0368	0.0849	0.0288	0.0873	NS	0.0335	0.217	0.208	NS	NS	0.0246	NS
4/12-4/13/2016	0.1	ND	W 1st NW 2nd 0-15		0.0124	0.016	0.017	0.0464	NS	0.0109	0.104	0.114	NS	NS	0.00474	NS
4/13-4/14/2016	0.1	ND	S 1st W 2nd 0-10		0.0105	0.0532	0.0134	0.172	NS	0.025	0.128	0.119	NS	NS	0.008	NS
4/14-4/15/2016	0.1	ND	NW 1st N 2nd 0-10		0.0211	0.096	0.0176	0.0969	NS	0.0175	0.0844	0.123	NS	NS	0.0263	NS
4/18-4/19/2016	0.1	ND	N 0-20 gust 30		0.0854	0.247	0.0074	0.0827	NS	0.0165	0.0857	0.0513	NS	NS	0.0695	NS
4/19-4/20/2016	0.1	ND	N 1st NW 2nd 5-10		0.00721	0.0404	0.0121	0.288	NS	0.0347	0.154	0.0937	NS	NS	0.00822	NS
4/20-4/21/2016	0.1	ND	calm W 0-5 midday		0.015	0.0642	0.0372	0.141	NS	0.0244	0.0968	0.176	NS	NS	0.00921	NS
4/21-4/22/2016	0.1	ND	calm		0.103	0.122	0.117	0.257	NS	0.0261	0.2	0.572	NS	NS	0.0568	NS
4/25-4/26/2016	0.1	ND	E 1st NE 2nd 0-10		0.0146	0.0526	0.0132	0.0607	NS	0.0116	0.0408	0.0471	NS	NS	0.0219	NS

7/26-7/27/2016	0.1	ND	NW 10-15	93/81	0.0096	0.103	0.0621	0.355	0.102	0.0731	0.75	NS	0.482	NS	0.0429	NS
7/27-7/28/2016	0.1	ND	NW 0-5	93/81	0.0236	0.201	0.0971	0.786	NS	NS	NS	NS	NS	NS	NS	NS
7/28-7/29/2016	0.1	ND	W 0-5	91/77	NS	NS	NS	NS	0.0798	0.0442	0.365	NS	0.4	NS	0.0503	NS
8/1-8/2/2016	0.1	ND	NW 0-5	73/68	NS	NS	NS	NS	0.202	0.0659	0.257	NS	0.121	NS	0.151	NS
8/2-8/3/2016	0.1	ND	NW 0-5	79/70	ND	0.0693	0.0834	0.146	0.101	0.0277	0.106	NS	0.343	NS	0.125	NS
8/3-8/4/2016	0.1	ND	NW 0-5	87/70	0.0903	0.229	0.223	0.378	0.409	0.00685	0.265	NS	1.17	NS	0.205	NS
8/4-8/5/2016	0.1	NS	W 0-5	86/72	NS	NS	NS	NS	0.172	0.0477	0.367	NS	1.41	NS	0.196	NS
8/8-8/9/2016	0.1	ND	NW 5-10	88/73	NS	NS	NS	NS	0.000542	0.00342	0.159	NS	0.303	NS	0.144	NS
8/9-8/10/2016	0.1	ND	NW 0-5	90/73	0.0333	0.14	0.125	0.337	0.562	0.189	0.874	NS	0.912	NS	0.144	NS
8/10-8/11/2016	0.1	ND	NW 0-5	88/70	0.147	0.161	0.319	0.525	0.476	0.0388	1.02	NS	1.87	NS	0.247	NS
8/11-8/12/2016	0.1	ND	NW 0-5	88/70	NS	NS	NS	NS	0.0844	0.0532	1.02	NS	1.08	NS	0.0729	NS
8/15-8/16/2016	0.1	ND	NW 5-10	85/71	NS	NS	NS	NS	0.0516	0.0292	0.394	NS	0.0854	NS	0.0145	NS
8/16-8/17/2016	0.1	ND	SE 0-5	82/72	0.0492	0.00749	0.168	0.218	0.105	0.0147	0.448	NS	0.147	NS	0.178	NS
8/17-8/18/2016	0.1	ND	NW 15-35	80/76	0.0234	0.0495	ND	0.302	0.0601	0.0694	0.687	NS	0.687	NS	0.0329	NS
8/18-8/19/2016	0.1	ND	W 0-5	89/76	NS	NS	NS	NS	0.086	0.0252	0.491	NS	0.848	NS	0.0708	NS
8/22-8/23/2016	0.1	ND	NW 15-20	75/70	NS	NS	NS	NS	0.0415	0.0124	0.138	NS	ND	NS	0.00694	NS
8/23-8/24/2016	0.1	0.582	W 5-10	81/70	0.0263	0.107	0.0735	0.191	0.0394	0.000412	0.114	NS	0.256	NS	0.0409	NS
Average					0.0313	0.1066	0.0592	0.1508	0.1297	0.0279	0.2810	0.1871	0.4677	0.0016	0.0564	0.0016

Notes:

1. Samples were collected by Arcadis and submitted to Pace Analytical or Test America for analysis of PCBs.
2. PCB data represent a 24-hour monitoring period ending on the date indicated. Wind and temperature data represent the data on the 1st day listed.
3. ND - Analyte was not detected.
4. Bolded & highlighted values indicate an exceedance of the applicable criterion.
5. Collocated samples were collected on several days at the beginning of the project. The results were consistent with location results, so they were not presented here due to averaging.
6. NS = not sampled
7. * = Note over 4 inches of snow fell on Monday 4/4/16, start date for this sampling event.
8. ** = Monitor malfunction therefore no sample collected. Device has been repaired.
9. *** = No sample was collected at the specified location due to demolition of a structure in the vicinity of the monitoring location by the property owner.
10. **** = Sample not collected due to power loss overnight (circuit breaker tripped).